



FIG. 1 (a)

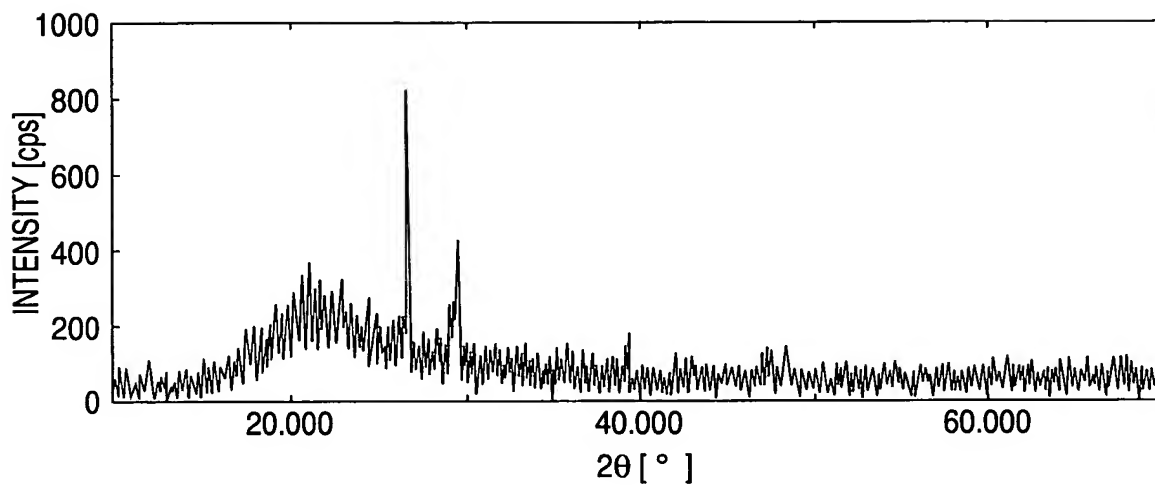


FIG. 1 (b)

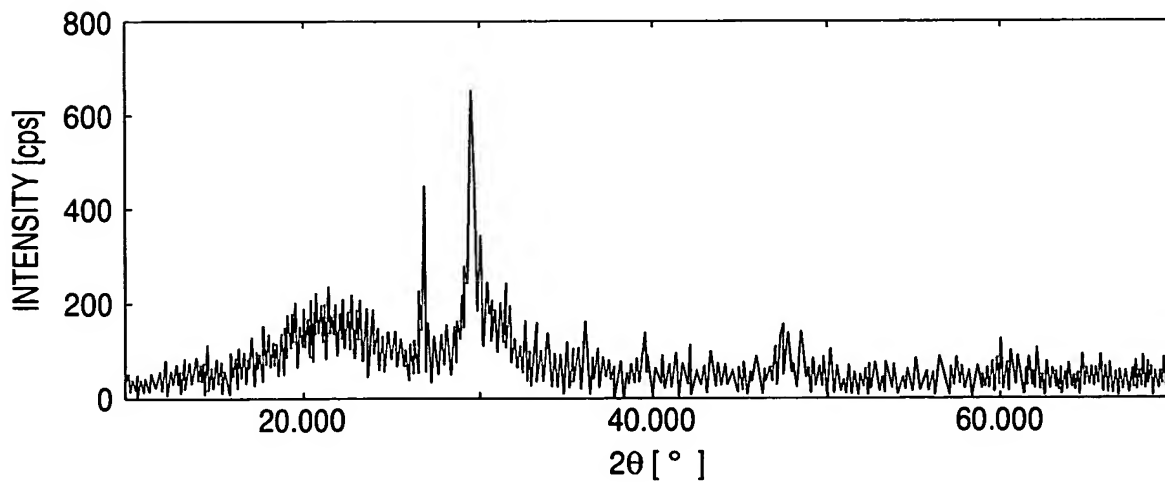


FIG. 2

EDX SPECTRUM OF OXINITRIDE MATERIAL

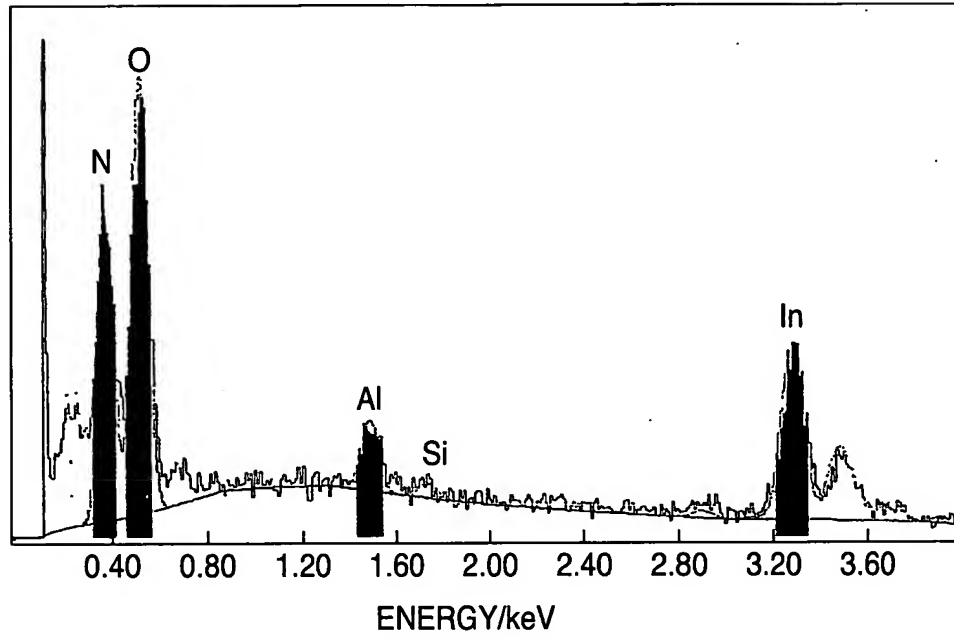
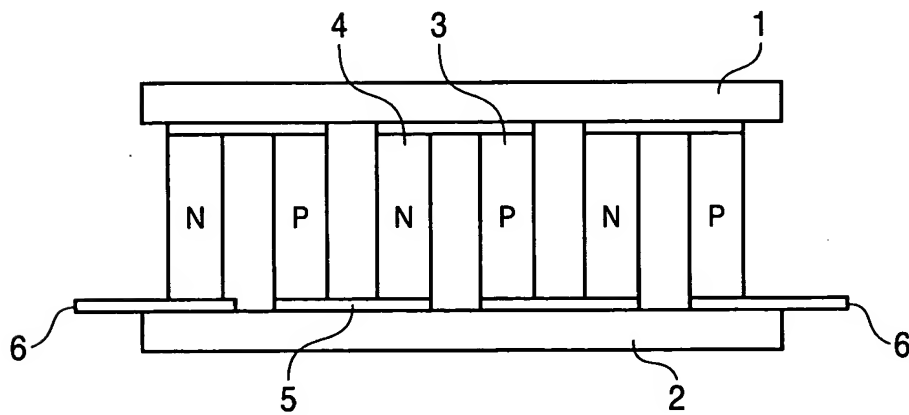


FIG. 3



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FIG. 4

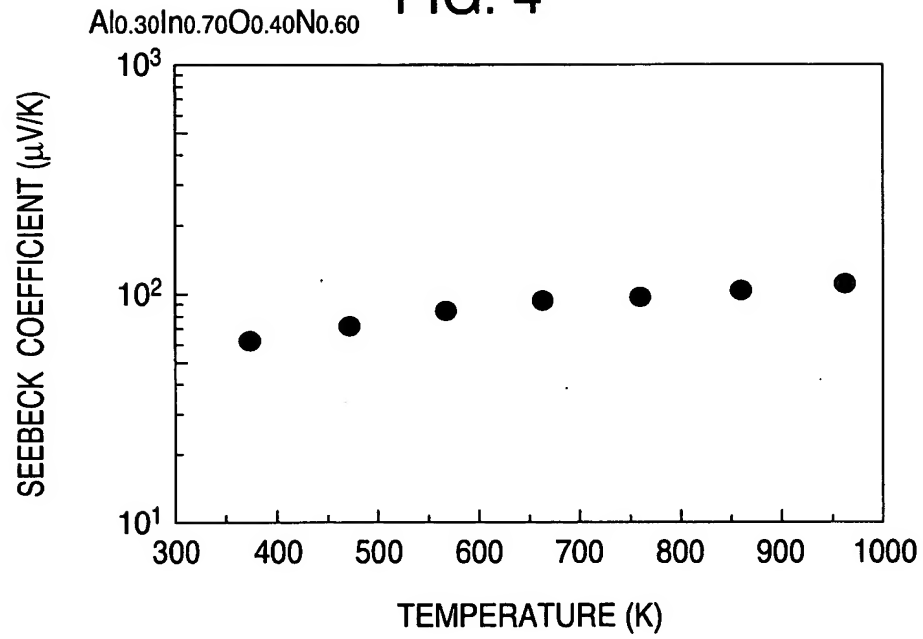
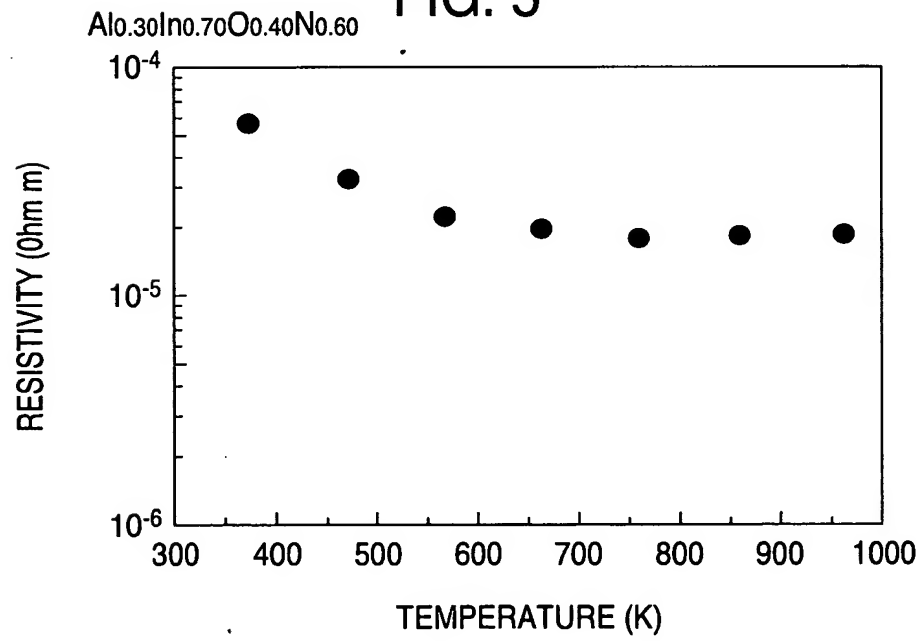


FIG. 5



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FIG. 6

$\text{Al}_{0.23}\text{In}_{0.70}\text{Ga}_{0.07}\text{O}_{0.40}\text{N}_{0.60}$

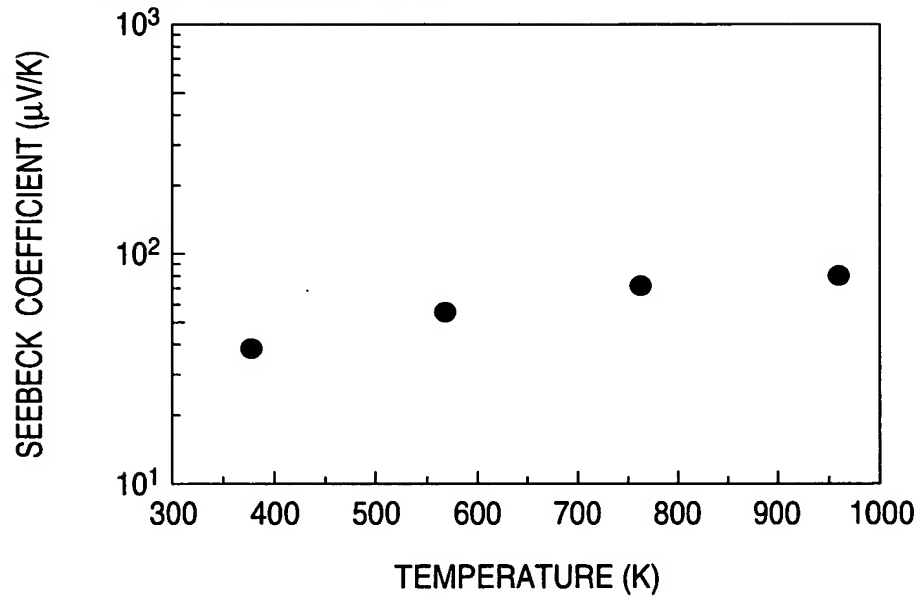
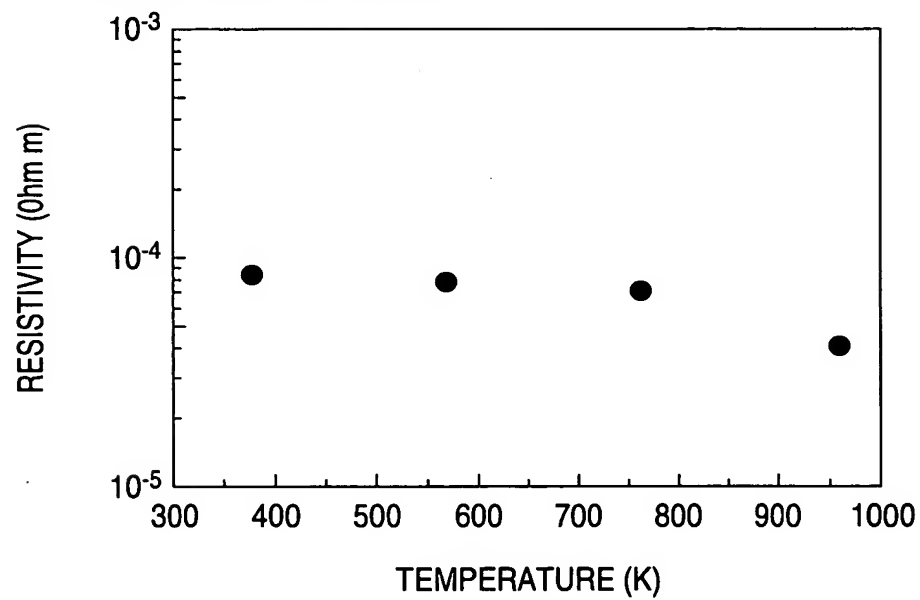


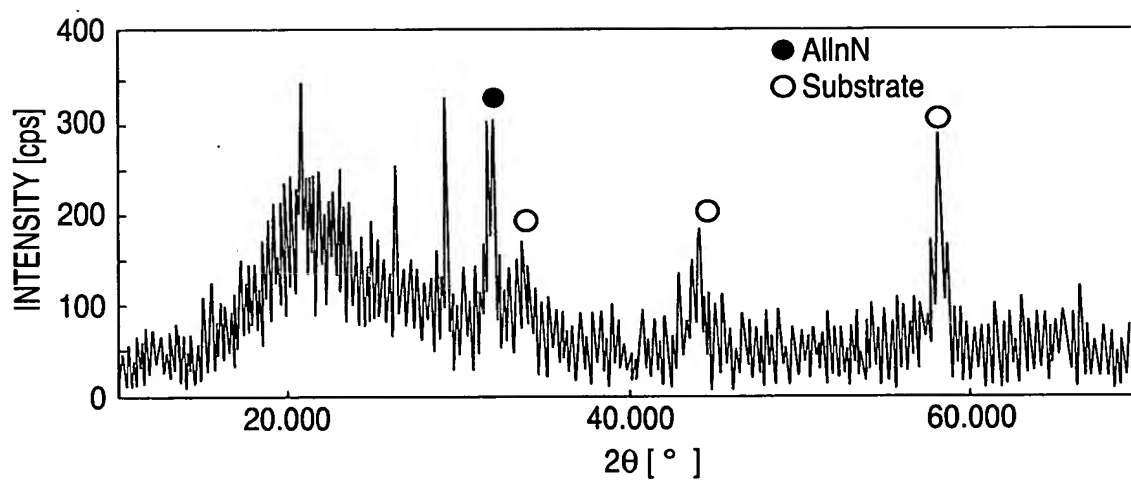
FIG. 7

$\text{Al}_{0.23}\text{In}_{0.70}\text{Ga}_{0.07}\text{O}_{0.40}\text{N}_{0.60}$



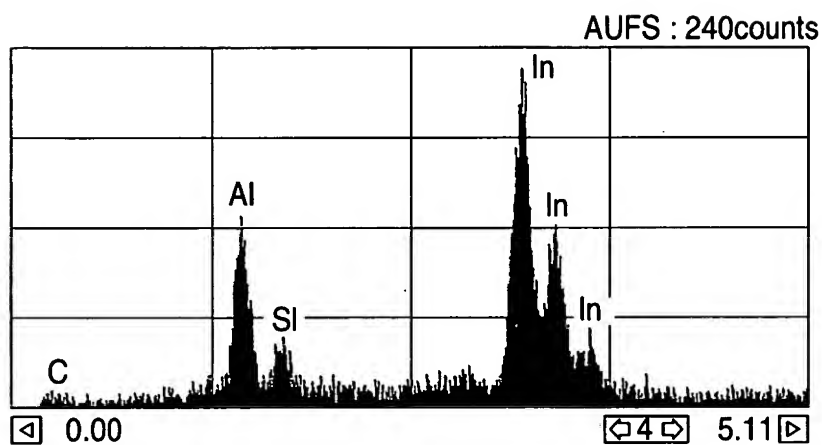
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FIG. 8



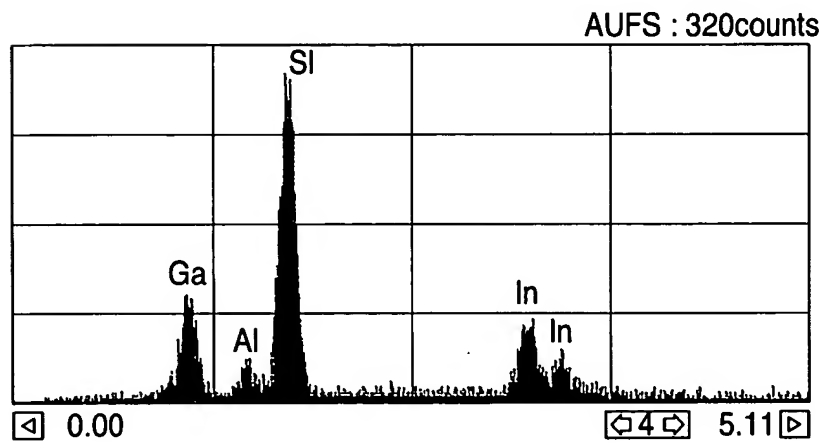
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FIG. 9 (a)



COMPOSITION ANALYSIS PATTERN OF AlInN BY EDX

FIG. 9 (b)



COMPOSITION ANALYSIS PATTERN OF GaAlInN BY EDX

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FIG. 10

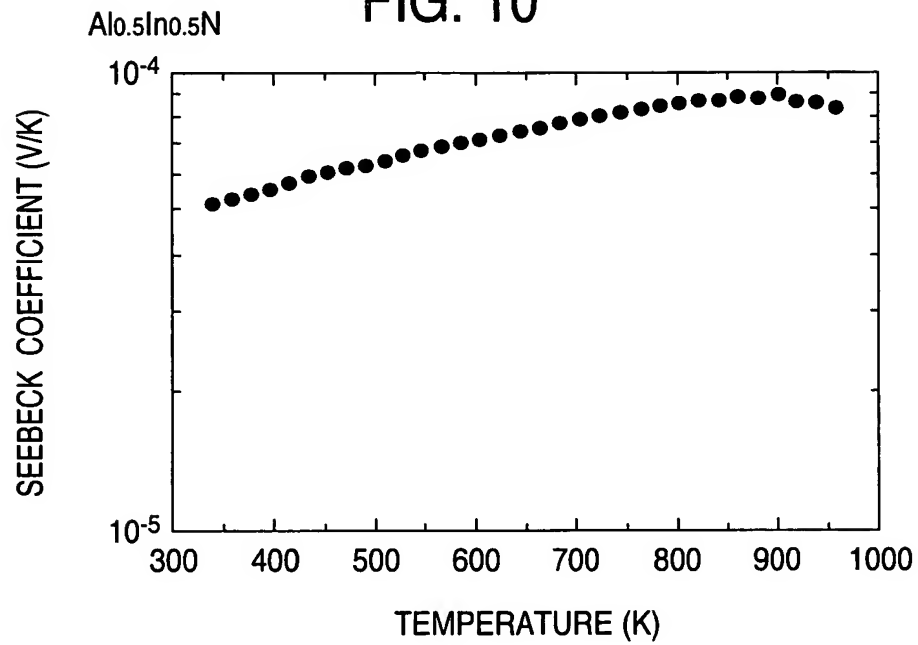
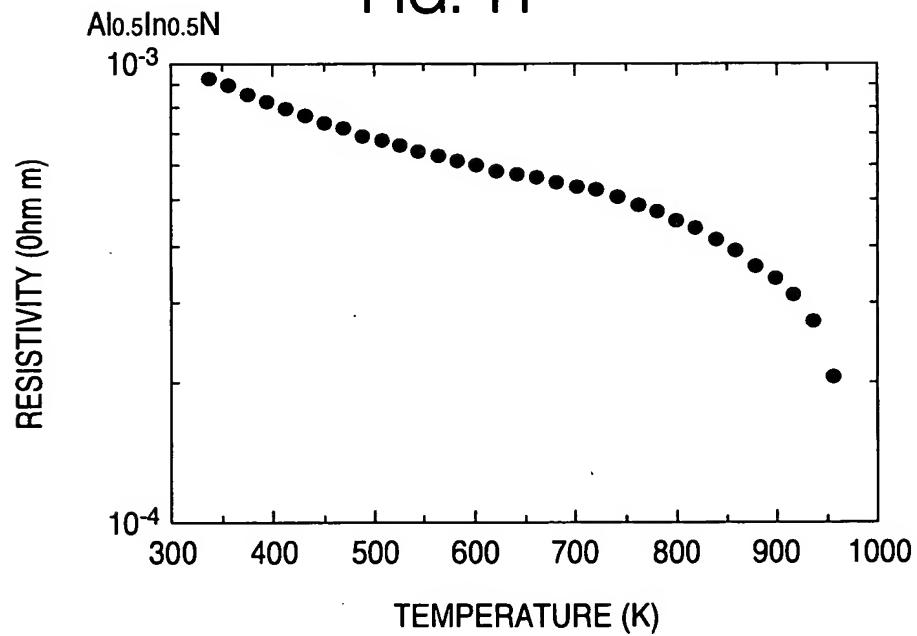


FIG. 11



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FIG. 12

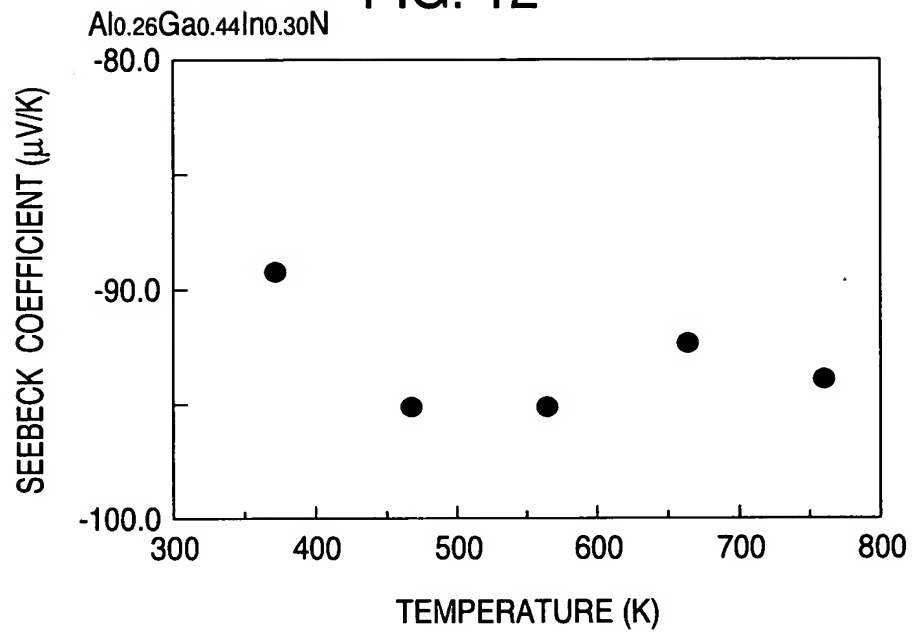


FIG. 13

